

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("6019771") or ("6193653")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/07 10:35
S2	36	("3598125"   "3713533"   "3788325"   "4128099"   "4261346"   "4408603"   "4493321"   "4759348"   "4799481"   "4821718"   "4997436"   "5190541"   "5258006"   "5281220"   "5320636"   "5330471"   "5331971"   "5372601"   "5373840"   "5392789"   "5441510"   "5478351"   "5695514"   "5759150").PN. OR ("6019771").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 10:44
S3	32	("1246338"   "2831480"   "2840070"   "2944552"   "3651800"   "4232660"   "4793346"   "5352219"   "5373840"   "5448990"   "5591183"   "5601581"   "5607441"   "5667480").PN. OR ("6193653").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 10:45
S4	18	("5569291"   "5655545"   "5695514"   "5873889"   "5908420"   "5913866"   "5980549"   "6004335"   "6019771"   "6022313"   "6030406"   "6179854"   "6193653"   "6203559"   "6206823"   "6206877"   "6352544"   "6375635").PN. OR ("6660016"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/07 11:01
S5	1036	(606/159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 16:52
S6	30	swivel and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/08 15:53
S7	2	"20050010242".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 12:39
S9	1036	(606/159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 15:02

## EAST Search History

S10	392	S9 and (housing or barrel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 15:41
S11	149	handle and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 15:07
S12	75	S11 and (conical or cone or concave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 15:08
S13	139	manipulat\$2 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/09 15:42
S14	15	(US-20040193195-\$).did. or (US-6800085-\$ or US-6660016-\$ or US-6656176-\$ or US-6652546-\$ or US-6648815-\$ or US-6451035-\$ or US-6120516-\$ or US-5626597-\$ or US-4646736-\$ or US-5478351-\$ or US-5331971-\$ or US-5281220-\$ or US-5667480-\$ or US-5908420-\$). did.	US-PGPUB; USPAT	OR	ON	2006/06/12 11:02
S15	10	lumen and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:03
S16	4	(cone or conical) and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 11:04
S17	18	("5569291"   "5655545"   "5695514"   "5873889"   "5908420"   "5913866"   "5980549"   "6004335"   "6019771"   "6022313"   "6030406"   "6179854"   "6193653"   "6203559"   "6206823"   "6206877"   "6352544"   "6375635").PN. OR ("6660016"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/12 11:11
S18	3986	((606/139) or (606/205) or (606/170) or (606/157) or (606/158)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 10:36

## EAST Search History

S19	322	(606/190).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:23
S20	573	(600/104).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:27
S21	1281	(handle and (barrel or housing)) and (S18 or S19 or S20)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 13:30
S22	501	lumen and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 13:31
S23	142	(cone or conical) and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 13:59
S24	77	(fork or tool) and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:25
S25	30	(US-20040193195-\$ or US-20020055748-\$ or US-20020068951-\$ or US-20040102804-\$ or US-20030065358-\$).did. or (US-6800085-\$ or US-6660016-\$ or US-6656176-\$ or US-6652546-\$ or US-6648815-\$ or US-6451035-\$ or US-6120516-\$ or US-5908420-\$ or US-5667480-\$ or US-5626597-\$ or US-5478351-\$ or US-5331971-\$ or US-5281220-\$ or US-4646736-\$ or US-6352544-\$ or US-5569291-\$ or US-5980549-\$ or US-5645075-\$ or US-5964717-\$ or US-5350355-\$ or US-5601572-\$ or US-5282806-\$ or US-6638286-\$ or US-5632746-\$ or US-5454378-\$).did.	US-PGPUB; USPAT	OR	ON	2006/06/12 15:42
S26	12	recess and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:52

## EAST Search History

S27	21	slot and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 14:48
S28	27	cutting and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:10
S29	9	S26 and S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 10:12
S30	1	(rotation\$2 and translation\$2) and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:16
S31	7	control and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:19
S33	6	S29 and arm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:24
S34	1	S29 and swivel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:19
S35	1	("5373840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 15:24

## EAST Search History

S36	151	("1867624"   "2011169"   "2028635"   "2316297"   "2868206"   "2944552"   "3185155"   "3336916"   "3856016"   "3882854"   "3934115"   "4038987"   "4362160"   "4369768"   "4440170"   "4493321"   "4499898"   "4499899"   "4516575"   "4556058"   "4586919"   "4597389"   "4638802"   "4653476"   "4754754"   "4759348"   "4759364"   "4762120"   "4793346"   "4862874"   "4869268"   "4877016"   "4932952"   "4997436"   "5013312"   "5020514"   "5037433"   "5047038"   "5049154"   "5213093"   "Re29088").PN. OR ("5373840").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/12 15:25
S37	2	S25 and swivel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 15:39
S39	1036	(606/159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 16:52
S40	114	endoscope and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/12 16:52
S41	22	("2898917"   "3487837"   "4170995"   "4535773"   "4556059"   "4601710"   "4915694"   "5073169"   "5152754"   "5224930"   "5352235"   "5383888").PN. OR ("5626597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/13 10:16
S42	1036	(606/159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 10:36
S43	3988	((606/139) or (606/205) or (606/170) or (606/157) or (606/158)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 10:36
S44	47	recess and (S42 and S43)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 10:37

## EAST Search History

S45	39	(US-20030065358-\$ or US-20020068951-\$ or US-20020055748-\$ or US-20040102804-\$ or US-20040193195-\$).did. or (US-6656176-\$ or US-6638286-\$ or US-5964717-\$ or US-5908420-\$ or US-5782834-\$ or US-6451035-\$ or US-6352544-\$ or US-5980549-\$ or US-5667480-\$ or US-5645075-\$ or US-5601572-\$ or US-5454378-\$ or US-5350355-\$ or US-5632746-\$ or US-6800085-\$ or US-6652546-\$ or US-6120516-\$ or US-5569291-\$ or US-5478351-\$ or US-5281220-\$ or US-4646736-\$ or US-5282806-\$ or US-6660016-\$ or US-6648815-\$ or US-5626597-\$ or US-5331971-\$). did. or (US-2028635-\$ or US-7037316-\$ or US-5383888-\$ or US-5352235-\$ or US-7041113-\$ or US-5507760-\$).did. or (US-2898917-\$).did. or (US-6428556-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/06/13 11:41
S46	3	((barrel or housing) and handle and cone and (tool or fork)) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 11:49
S47	7	((barrel or housing) and handle and cone) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 12:16
S48	22	(manipulator or tool ) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 12:18
S49	10	((manipulator or tool ) and retract) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 12:18

## EAST Search History

S50	30	(US-20040193195-\$ or US-20020055748-\$ or US-20020068951-\$ or US-20040102804-\$ or US-20030065358-\$).did. or (US-6800085-\$ or US-6660016-\$ or US-6656176-\$ or US-6652546-\$ or US-6648815-\$ or US-6451035-\$ or US-6120516-\$ or US-5908420-\$ or US-5667480-\$ or US-5626597-\$ or US-5478351-\$ or US-5331971-\$ or US-5281220-\$ or US-4646736-\$ or US-6352544-\$ or US-5569291-\$ or US-5980549-\$ or US-5645075-\$ or US-5964717-\$ or US-5350355-\$ or US-5601572-\$ or US-5282806-\$ or US-6638286-\$ or US-5632746-\$ or US-5454378-\$).did.	US-PGPUB; USPAT	OR	ON	2006/06/13 14:20
S51	12	recess and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:20
S52	21	slot and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:20
S53	27	cutting and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:20
S54	9	S51 and S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:20
S55	5	S54 and pivot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:20
S56	322	(606/190).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 14:25
S57	573	(600/104).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/13 14:25

## EAST Search History

S58	1282	(handle and (barrel or housing)) and (S43 or S56 or S57)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:25
S59	502	lumen and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 16:04
S60	142	(cone or conical) and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:25
S61	134	(fork or tool or instrument) and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:31
S62	36	(fork or tool or instrument) and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:32
S63	22	(cone or conical) and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:32
S64	19	handle and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:33
S65	10	recess and S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 15:51
S66	7	control and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/13 14:52
S67	5	(US-5626597-\$ or US-5782834-\$ or US-5282806-\$ or US-5352235-\$ or US-5569291-\$).did.	USPAT	OR	ON	2006/06/14 11:58



## EAST Search History

S68	4	handle and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 13:49
S69	1	manipulator and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 12:01
S70	3	barrel and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 12:07
S71	4	(pivot or swivel) and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 12:07
S72	1	fork and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 12:08
S73	1	track and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 12:09
S74	5	(endoscope or endoscopic) and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 12:56
S75	2	lumen and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 13:49
S76	1036	(606/159).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/14 15:03
S77	799	lumen and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:03

## EAST Search History

S78	37	plurality near lumen and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/14 15:03
S79	39	(US-20030065358-\$ or US-20020068951-\$ or US-20020055748-\$ or US-20040102804-\$ or US-20040193195-\$).did. or (US-6656176-\$ or US-6638286-\$ or US-5964717-\$ or US-5908420-\$ or US-5782834-\$ or US-6451035-\$ or US-6352544-\$ or US-5980549-\$ or US-5667480-\$ or US-5645075-\$ or US-5601572-\$ or US-5454378-\$ or US-5350355-\$ or US-5632746-\$ or US-6800085-\$ or US-6652546-\$ or US-6120516-\$ or US-5569291-\$ or US-5478351-\$ or US-5281220-\$ or US-4646736-\$ or US-5282806-\$ or US-6660016-\$ or US-6648815-\$ or US-5626597-\$ or US-5331971-\$). did. or (US-2028635-\$ or US-7037316-\$ or US-5383888-\$ or US-5352235-\$ or US-7041113-\$ or US-5507760-\$).did. or (US-2898917-\$).did. or (US-6428556-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/06/16 09:16
S80	1	(thumb adj wheel) and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/06/16 09:16